

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/DE 02/03879

Field III WORDING OF THE ABSTRACT (Continuation of Item 5 on Page 1)

A device and a method for transmitting measurement data between an object-detection device (1) and an evaluation device (6) is provided, the evaluation device sending one or several data packets containing the object identifiers that are relevant for it to the object-detection device, the object-detection device inserting the current measurement data of the detected objects in a fixed predetermined number of data packets, the objects marked as relevant by the evaluation device using the object identifiers being inserted preferentially, and the device outputting the data packet to the data bus via the connector element to a data bus (9).

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ADDITIONAL INFORMATION PCT/ISA/ 210

The International Search Office established that this international application contains several (groups of) inventions, namely:

1. Claims: 1, 4-7

1.1. Claim: 1

Device for detecting objects, which sends a fixed predetermined number of data packets.

1.2. Claim: 5

Device for transmitting data between at least one object-detection device and a device for the further processing of the measurement data.

2. Claims: 2, 3, 8-14

Independent claims 2 and 8; dependent claims 3 and 9-14:

Claims 2, 3:

Device for detecting objects, which inserts current measurement data in a fixed predetermined number of data packets, the object, which was selected as the most relevant by a device for further processing, being marked (e.g. with the aid of a flag, see Claim 3).

Claims 8, 9-14:

associated method

Please note that for all inventions listed under item 1, although they are not necessarily connected by a common inventive concept, it was possible to conduct a complete search without additional effort, which would have justified an additional search fee.

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A. CLASSIFICATION OF SUBJECT MATTER
IPK 7 G01S13/93 G06F13/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPK 7 G01S G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 42856 A (AMERIGON INC) August 26, 1999 (1999-08-26) Abstract; Figures 2-4 Page 9, line 5 -page 11, line 34	1, 4-7
A	U.S. 5,574,848 A (THOMSON THOMAS W) November 12, 1996 (1996-11-12) Abstract; Figures 1A, 3 Column 1, line 15-17 Column 3, line 45 -column 5, line 47	1, 5, 6
A	U.S. 6,035,361 A (KIM DO YOUNG ET AL) March 7, 2000 (2000-03-07) Abstract	1, 5, 6
A	U.S. 6,111,888 A (HAYS PAUL J ET AL) August 29, 2000 (2000-08-29) Abstract; Figure 1	1, 5, 6

☒ Further documents are listed in the continuation of box C. ☒ Patent family members are listed in annex.

• Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search April 23, 2003	Date of mailing of the international search report 05/07/03
Name and mailing address of the ISA European Patent Office, P. B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+ 31-70) 340-3016	Authorized officer Schmelz, C

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	U.S. 2001/035907 A1 (ROEMMELSIEK RAYMOND M) November 1, 2001 (2001-11-01) Abstract; Figure 1 Paragraph '0007! - Paragraph '0041!	2, 3, 8-14
X	U.S. 5,229,975 A (TRUESDELL DAVE ET AL) July 20, 1993 (1993-07-20) Abstract; Figure 1 Column 2, line 1-52 Column 3, line 19-26 Column 9, line 57 -column 10, line 2 Column 10, line 46-48	2, 3, 8-14
A	U.S. 5,907,688 A (HAUCK JERRY ET AL) May 25, 1999 (1999-05-25) Abstract Column 2, line 3-39	2, 3, 8-14